

JC10 Rec'd PGT/PTO 03 DEC 2001

Patent

Attorney's Docket No. 000510-010**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of)	
)	
Donald GULLBERG)	Group Art Unit: To be assigned
)	
Application No.: New U.S. National Phase)	Examiner: To be assigned
Application based upon PCT/SE00/01135)	
)	
Filed: December 3, 2001)	
)	
For: AN INTEGRIN HETERODIMER)	
AND AN ALPHA SUBUNIT)	
THEREOF)	

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Prior to examination of the above-captioned patent application, kindly enter the following amendment.

IN THE ABSTRACT:

A new Abstract is attached hereto.

IN THE CLAIMS:

Kindly replace claims 1-2, 6-8, 10, 13-15, 18-30, 33-35, 41-48, 50-51, 54-56, 62-69, 71, 74-76, 82-89, 94-99 and 101-105.

1. (Amended) A recombinant or isolated integrin subunit $\alpha 11$ having the amino acid sequence shown in SEQ ID No. 1, and homologues and fragments thereof.